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Results of Micrometer Measures of Double Stars made with the 28-inch Refractor at the Royal Observatory, Greenwich, in the year 1900.

(*Communicated by the Astronomer Royal.*)

The measures were made with a bifilar position-micrometer on the 28-inch refractor, aperture 28 inches, focal length 28 feet. The power generally used was 670, but when the definition permitted a power of 1120 was employed for observing very close pairs. A blue glass shade was employed to diminish the light and irradiation when bright stars were observed. The observations were made in variously coloured fields or in a dark field with illuminated wires. The initials in the last column are those of the observers, viz. :—

B. Mr. Bryant L. Mr. Lewis W.B. Mr. Bowyer

The observations of *Capella* have already appeared in the *Notices* of the Society for 1900 June and December, and hence are not included in the present paper.

Micrometric Observations of Double Stars.

Star's Name.	R.A. 1900.		N.P.D. 1900.		Position Angle	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h	m	°	′	°	″					
Σ 3062 ...	0	1	32	10	341·8	1·50	1	6·9	8·0	·066	B.
β 253 ...	0	5	32	2	49·7	0·43	1	8·3	8·4	·066	B.
Krueger 1 ...	0	6	32	43	188·7	2·01	1	9·1	9·2	·066	B.
β 1026 ...	0	7	36	56	330·9	0·37	1	8·1	8·9	·066	B.
OΣ 2 A.B. ...	0	8	63	35	38·2	0·52	2	6·5	8·0	·033	B.
					37·3	0·49	1	...		·041	L.
OΣ 4 ...	0	10	54	4	100·6	0·23	2	7·4	8·1	·948	B.
β 1027 ...	0	10	69	3	180·1	1·40	1	7·7	10·5	·041	L.
					184·1	1·44	1	...		·747	W.B.
β 1093 ...	0	15	73	36	59·1	0·31	2	7·3	8·2	·493	B.
OΣ 12 (λ Cassiopeiæ) ...	0	26	36	8	145·0	0·37	1	5·0	6·0	·066	B.
OΣ 15 ...	0	30	41	32	320·5	0·17	1	7·5	8·5	·964	B.
β 257 ...	0	35	43	17	234·5	0·49	1	8·1	8·8	·964	B.
β 865 ...	0	38	47	20	195·9	1·11	1	8·3	8·8	·964	B.
β 866 ...	0	40	47	20	70·8	1·54	1	9·1	9·1	·964	B.
β 495 ...	0	42	71	52	225·6	0·57	2	7·6	7·7	·033	B.
β 232 ...	0	48	39	55	320·1	0·44	1	8·0	8·1	·964	B

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Star's Name.	R.A. 1900.		N.P.D. 1900.		Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h	m	°	′	°	″					
OΣ 20	0	49	71	22	327·9	0·33	1	5·9	7·0	·022	B.
					314·1	0·48	2	...		·931	W.B.
Σ 73 (36 Andromedæ)	0	49	66	55	19·1	0·90	4	6·2	6·8	·853	W.B.
OΣ 21	0	57	43	10	29·5	0·97	1	6·9	8·2	·964	B.
β 303	1	4	66	44	286·1	0·64	2	7·2	7·5	·033	B.
					291·5	0·62	1	...		·991	W.B.
β 4	1	18	79	9	65·7	0·33	1	7·8	8·8	·022	B.
β 1164	1	22	85	10	168·8	0·33	1	6·7	7·0	·022	B.
β 506 (η Piscium)	1	26	75	10	14·5	1·16	1	4·0	10·5	·047	L.
Σ 138	1	30	82	52	220·7	1·45	1	7·3	7·3	·044	B.
					217·6	1·43	1	...		·047	L.
Σ 155	1	35	8	34	328·9	4·53	1	7·5	7·9	·047	L.
β 509	1	38	80	56	268·7	0·69	1	8·4	8·7	·047	L.
					254·5	0·61	1	...		·931	B.
Σ 158	1	41	57	20	259·7	1·91	1	8·3	8·8	·047	L.
					257·2	2·06	1	...		·099	B.
β 1016	1	44	57	25	23·3	0·48	1	8·5	8·5	·047	L.
					26·1	0·51	1	...		·099	B.
β 235	1	45	39	30	94·7	0·81	2	7·0	7·5	·504	B.
Hough 311	1	45	65	50	178·8	0·30	1	7·5	7·7	·964	B.
Σ 205 (γ^1 Andromedæ)	1	58	48	10	62·2	9·76	1	3·0	5·0	·041	L.
OΣ 38 (γ^2 Andromedæ)	1	58	48	10	114·8	0·40	2	5·0	6·2	·127	L.
Σ 208	1	58	64	33	53·9	0·77	1	6·2	8·4	·958	W.B.
Hough 497	2	6	53	7	62·6	0·53	1	8·2	9·0	·041	L.
Σ 228	2	8	42	59	94·2	0·55	1	6·7	7·6	·192	L.
					82·7	0·55	1	...		·964	B.
Σ 257	2	18	28	55	248·5	0·37	1	7·2	7·7	·192	L.
OΣ 42	2	27	38	8	121·0	0·40	1	7·0	7·5	·192	L.
OΣ 44	2	36	47	44	56·8	1·33	1	7·8	8·5	·099	B.
Σ 305	2	42	71	2	317·0	2·92	1	7·3	8·2	·022	B.
					313·1	3·10	3	...		·945	W.B.
β 262	2	42	59	22	62·4	1·56	1	8·2	9·6	·947	W.B.
β 525	2	53	52	31	137·4	0·20	1	7·5	7·5	·104	W.B.
Σ 333 (ε Arietis)	2	53	69	4	201·7	1·28	2	5·7	6·0	·965	W.B.
Σ 346 A.B.	3	0	65	8	93·8	0·45	2	6·0	6·0	·544	W.B.

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Star's Name.		R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
		h m	° ′	°	″					
				87·6	0·56	2	...		·553	B.
A.C.		...	...	351·1	5·21	1	...		·104	W.B.
β 1030	...	3 4	68 39	155·7	0·53	1	8·4	8·4	·989	L.
β 530	...	3 8	67 25	188·4	1·78	1	9·7	10·1	·980	L.
OΣ 53	...	3 11	51 44	236·6	0·59	1	7·2	8·0	·142	B.
				238·2	0·58	1	...		·192	L.
β 533	...	3 29	58 39	44·0	0·30	1	7·0	7·0	·104	W.B.
				50·4	0·57	1	...		·142	B.
Σ 412 (7 Tauri)	...	3 28	65 52	13·8	0·15	1	6·6	6·7	·104	W.B.
				13·9	0·27	1	...		·964	B.
OΣ 66	...	3 45	49 30	139·4	0·48	1	7·5	8·0	·142	B.
				132·2	0·43	1	...		·192	L.
β 880	...	3 38	58 9	1·8	0·62	1	8·7	8·9	·192	L.
OΣ 531	...	4 1	52 12	128·3	2·07	1	8·5	10·2	·142	B.
OΣ 77	...	4 9	58 34	178·0	0·22	1	7·0	7·5	·118	B.
OΣ 80	...	4 17	47 46	189·7	0·48	1	6·5	7·0	·142	B.
				176·3	0·50	1	...		·203	W.B.
				173·9	0·60	1	...		·939	L.
Σ 535	...	4 18	78 53	327·9	1·49	1	6·7	8·2	·022	B.
				320·2	1·36	1	...		·126	W.B.
β 550 (Aldebaran)	...	4 30	73 42	109·0	31·29	2	1	14	·131	L.
Hastings	...	4 30	70 29	55·6	0·36	1	8·0	9·0	·068	W. B.
OΣ 86	...	4 31	70 27	60·8	0·55	1	7·5	7·5	·137	W.B.
Σ 567	...	4 31	70 44	320·8	1·68	1	8·5	9·0	·947	W.B.
Σ 572	...	4 32	63 16	19·6	3·86	1	6·5	6·5	·947	W.B.
β 883	...	4 45	79 6	60·4	0·26	3	7·5	7·5	·146	L.
				62 6	0·27	1	...		·186	B.
				63·3	0·27	6	...		·211	W.B.
β 552	...	4 46	76 31	207·9	0·45	2	6·9	10·2	·193	L.
OΣ 93	...	4 55	85 3	51·3	0·74	2	7·5	9·0	·164	B.
OΣ 98	...	5 2	81 39	174·4	0·98	2	5·5	7·0	·164	B.
				170·4	0·73	1	...		·214	L.
β 1047	...	5 3	62 5	53·3	0·45	1	8·5	8·8	·214	L.
β 885	...	5 6	91 54	25·8	0·56	1	8·3	8·4	·186	B.
β 1006	...	5 7	92 19	204·1	0·51	1	8·5	10·9	·186	B.
β 886	...	5 15	56 17	243·7	1·18	1	9·1	9·6	·300	L.
OΣ 105	...	5 16	77 26	106·5	0·30	1	7·8	7·8	·186	B.

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Star's Name.		R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.	Epoch 1900.	Obs.
		h m	° ′	°	″				
Dawes 5	...	5 19	92 29	81·4	1·24	1	3·5 5·5	·164	B.
Σ 719	...	5 24	60 32	322·5	0·90	1	7·0 9·5	·104	W.B.
Σ 728	...	5 26	84 7	188·8	0·38	2	5·5 6·5	·175	B.
Σ 749	...	5 31	63 8	173·6	0·77	1	7·1 7·2	·104	W.B.
				174·8	0·91	3	...	·164	B.
β 1240	A.B.	5 32	59 34	346·4	0·28	1	5·6 6·0	·203	W.B.
Σ 753	A.C.			267·8	12·53	1	...	·203	W.B.
OΣ 112	...	5 33	52 6	73·4	0·52	3	7·5 7·5	·190	B.
				68·1	0·55	1	...	·192	L.
β 1007	...	5 35	73 31	254·7	0·20	2	6·0 6·2	·214	B.
Σ 774	...	5 36	92 0	155·7	2·41	2	2·0 5·7	·175	B.
OΣ 118	...	5 42	69 10	314·0	0·48	2	8·0 8·8	·173	W.B.
				312·2	0·54	1	...	·238	L.
Σ 799	...	5 45	51 28	180·4	0·95	3	7·2 8·3	·190	B.
				180·8	0·85	1	...	·192	L.
Perrine	...	5 51	37 19	307·1	1·92	1	9·0 9·8	·255	L.
β 1241	...	6 4	66 52	345·8	0·45	1	5·9 10·0	·238	L.
				329·2	0·41	1	...	·241	B.
β 1058	...	6 4	66 59	276·8	0·36	1	7·2 7·5	·183	W.B.
				276·5	0·30	2	...	·214	B.
				268·3	0 25	1	...	·238	L.
✶ ...	...	6 8	67 24	87·6	2·99	1	9·5 10·0	·238	L.
β 1008	...	6 9	67 28	296·6	0·88	1	3·0 10·8	·238	L.
Σ 881	...	6 13	30 35	108·3	0·65	1	6·4 7·9	·307	L.
β 895	A.B.	6 14	61 31	150·7	0·24	1	8·2 8·4	·241	B.
Σ 888	A.C.	...	...	251·3	2·60	1	8·2 9·2	·241	B.
β 1020	...	6 17	61 11	155·1	1·09	1	8·2 10·0	·104	W.B.
				164·4	1·10	1	...	·238	L.
Σ 899	...	6 17	72 22	19·8	2·31	2	7·0 8·0	·115	W.B.
β 1192	...	6 23	69 43	340·6	0·16	1	8·7 8·8	·241	B.
β 1021	...	6 25	61 33	80·6	0·79	1	8·1 9·4	·238	L.
				78·4	0·55	1	...	·241	B.
Σ 932	...	6 29	75 10	328·0	2·15	1	8·2 8·3	·047	L.
				324·6	1·94	1	...	·104	W.B.
OΣ 149	...	6 30	62 38	274·8	0·66	2	6·5 9·0	·143	L.
				282·7	0·45	1	...	·241	B.
Σ 396	...	6 31	31 48	263·2	1·66	1	7·0 8·7	·307	L.
Σ 945	...	6 33	48 56	270·0	0·71	2	7·1 8·0	·177	B.
				260·9	0·78	1	...	·255	L.

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Star's Name.	R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.	Epoch 1900.	Obs.
	h m	° ′	°	″				
*	6 34	...	80·0	2·03	1	...	·255	L.
Σ 948 A.B.	6 37	30 28	114·8	1·48	2	5·2 6·1	·623	L.
OΣ 156 ...	6 41	71 42	301·1	0·53	4	6·5 7·0	·123	B.
			305·9	0·49	2	...	·143	L.
OΣ 160 ...	6 48	68 43	171·9	1·52	1	6·8 9·8	·049	L.
β 899 ...	6 53	71 9	266·6	0·60	1	8·7 9·3	·044	B.
			274·1	0·60	1	...	·236	L.
β 900 ...	7 0	68 49	273·7	1·41	1	8·0 11·5	·236	L.
OΣ 165 ...	7 3	73 54	42·5	4·17	1	5 11	·236	L.
Σ 1037 ...	7 7	62 35	302·5	0·77	1	7·0 7·1	·301	L.
			302·1	0·75	1	...	·309	B.
β 1023 ...	7 9	63 56	294·5	0·19	1	8·4 8·5	·241	B.
			291·5	0·34	1	...	·301	L.
*	7 9	63 56	226·5	0·72	1	9·5 10·0	·241	L.
OΣ 170 ...	7 14	80 31	110·7	1·56	3	7·0 7·5	·084	B.
Σ 1110 ...	7 28	57 53	225·2	5·71	1	2·7 3·7	·183	B.
			226·4	5·95	1	...	·192	L.
OΣ 175 ...	7 29	58 50	330·1	0·66	3	6·0 6·6	·083	B.
			329·0	0·71	1	...	·192	L.
OΣ 176 ...	7 33	89 14	200·0	1·56	1	7·3 7·3	·044	B.
Σ 1126 ...	7 34	84 28	144·2	0·81	2	7·0 7·0	·225	L.
			142·7	1·07	1	...	·233	B.
OΣ 177 ...	7 35	52 19	120·2	0·50	4	7·5 8·5	·123	B.
			119·3	0·59	1	...	·120	L.
Procyon ...	7 35	84 28	338·3	4·83	1	1 10	·236	L.
Σ 963 ...	7 44	30 26	69·5	0·51	1	5·9 7·1	·306	L.
OΣ 182 ...	7 47	86 20	30·8	1·16	2	7·0 7·5	·115	B.
Σ 1157 ...	7 49	92 31	62·8	1·10	1	8·0 8·0	·233	B.
OΣ 185 ...	7 52	88 35	13·5	0·30	2	6·8 7·1	·139	B.
β 581 ...	7 59	77 25	284·8	0·53	2	8·5 8·6	·284	L.
			286·1	0·35	3	...	·187	B.
Σ 1184 ...	8 3	51 49	341·2	26·82	1	8·0 8·5	·047	L.
			341·4	27·06	1	...	·329	B.
Σ 1187 ...	8 3	57 28	45·5	2·17	1	7·1 8·0	·047	L.
			41·8	2·00	1	...	·309	B.
Σ 1196 A.B. (ζ Cancri)	8 6	72 3	5·8	1·08	2	5·0 5·7	·237	B.
A.C.	...	...	113·6	5·10	2	5·0 6·5	·237	B.
B.C.	...	...	125·7	5·64	1	5·7 6·5	·241	B.

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Star's Name.	R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h m	° ′	°	″					
Σ 1211 ...	8 12	50 42	130·6	0·95	1	8·7	9·2	·329	B
β 209 ...	8 37	50 50	358·3	1·39	2	8·2	8·7	·319	B.
Σ 1273 (ε Hydræ A.C.)	8 41	83 13	229·8	3·53	1	3·8	7·7	·236	L.
			230·2	3·43	1	...		·298	W.B.
Schiaparelli (ε Hydræ A.B.)	...	...	267·2	0·20	1	3·8	6·0	·236	L.
β 1068 ...	8 44	88 46	185·9	0·45	1	7·7	8·8	·241	B.
Σ 3121 ...	9 12	61 0	18·3	0·80	2	7·5	7·8	·258	L.
			18·9	0·89	1	...		·241	B.
			22·6	0·57	1	...		·263	W.B.*
OΣ 201 ...	9 18	61 39	222·7	1·41	2	7·5	9·0	·281	W.B.
			220·1	1·31	1	...		·301	L.
Σ 1348 ...	9 19	83 13	322·0	1·72	1	7·5	7·6	·312	W.B.
Σ 1356 ...	9 23	80 31	112·0	0·66	3	6·2	7·0	·261	B.
			114·3	0·62	1	...		·312	B.
OΣ 208 ...	9 45	35 28	281·4	0·18	1	5·0	5·6	·315	L.
			284·7	0·27	2	...		·367	B.
Σ 1389 ...	9 47	62 31	308·9	2·13	2	8·2	9·0	·334	W.B.
A.C. 5 ...	9 47	97 38	84·2	0·27	1	5·5	5·7	·233	B.
OΣ 215 ...	10 11	71 46	206·0	0·65	1	7·0	7·2	·236	L.
			210·1	0·91	2	...		·237	B.
Σ 1424 (γ Leonis)	10 14	69 39	118·3	3·67	1	2·0	3·5	·236	L.
			115·3	3·29	1	...		·427	B.
Σ 1426 A.B.	10 15	83 4	279·0	0·73	2	7·8	8·3	·275	B.
			278·0	0·64	1	...		·312	W.B.
A.C.	...	...	8·0	7·58	1	7·8	9·2	·312	W.B.
OΣ 216 ...	10 17	74 9	118·3	1·11	1	7·0	10·5	·236	L.
			116·5	1·33	1	...		·241	B.
Σ 1429 ...	10 20	64 53	252·2	0·75	1	8·3	8·3	·236	L.
			257·2	0·96	2	...		·305	W.B.
			249·0	0·97	1	...		·309	B.
OΣ 217 ...	10 21	72 16	157·0	0·62	1	7·3	7·8	·236	L.
			153·9	0·73	2	...		·237	B.
Σ 1457 ...	10 34	83 45	318·5	1·28	1	7·4	8·8	·309	B.
OΣ 225 A.B.	10 35	70 14	246·2	0·81	1	7·5	11·2	·345	W.B.
A.C.	...	...	345·7	6·51	1	7·5	9·8	·345	W.B.

* Quadrant certain.

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Star's Name.	R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.	Epoch 1900.	Obs.
	h m	° ′	°	″				
OΣ 227 ...	10 36	78 44	349·4	0·48	1	7·5 8·5	·309	B.
			349·5	0·47	1	...	·312	W.B.
OΣ 228 ...	10 42	66 54	192·3	0·45	2	7·2 8·1	·271	B.
			191·2	0·49	2	...	·294	W.B.
OΣ 229 ...	10 42	48 21	317·5	0·80	2	6·7 7·1	·368	B.
β 915 ...	10 44	65 11	232·3	1·85	1	9·0 9·0	·315	L.
			234·1	1·46	1	...	·345	W.B.
Hough 48 ...	10 59	66 18	125·5	1·51	1	8·3 11	·290	W.B.
Σ 1504 ...	10 59	85 47	289·6	1·13	1	7·4 7·5	·209	B.
Hough 378...	10 59	51 2	228·6	0·33	1	8 8·1	·309	B.
Σ 1517 ...	11 9	69 19	272·4	0·35	2	7·3 7·3	·271	B.
			268·1	0·42	2	...	·293	W.B.
Σ 1523 (ξ Ursæ Maj.)	11 13	57 54	155·5	2·30	1	4·0 4·9	·301	L.
			151·7	2·17	2	...	·368	B.
Σ 1524 (ν Ursæ Maj.)	11 13	56 22	147·4	7·73	1	3·7 10·1	·301	L.
			147·4	7·37	1	...	·309	B.
Σ 1534 ...	11 16	71 14	324·7	5·09	1	8·0 11·0	·290	W.B.
Lalande 21846	11 24	58 57	6·7	0·94	1	7·0 11·0	·301	L.
			6·0	0·84	1	...	·312	W.B.
OΣ 234 ...	11 26	58 1	309·4	0·26	1	7·0 7·4	·427	B.
OΣ 235 ...	11 27	28 22	120·9	0·58	1	6·0 7·3	·427	B.
Σ 1554 ...	11 31	76 36	259·9	0·86	2	8·9 9·1	·329	W.B.
Σ 1555 ...	11 31	61 40	347·3	0·37	2	6·4 6·8	·294	W.B.
			347·0	0·38	2	...	·352	L.
			354·7	0·27	1	...	·309	B.
β 603 ...	11 45	75 5	315·6	0·84	1	6·4 10·3	·435	L.
Σ 1606 ...	12 5	49 31	325·8	0·97	1	6·2 7·0	·427	B.
Σ 1639 ...	12 19	63 52	173·7	0·23	3	6·7 7·9	·300	W.B.
			180·1	0·15	3	...	·340	L.
Σ 1643 ...	12 22	62 25	38·1	2·02	3	8·4 8·7	·300	W.B.
Σ 1647 ...	12 25	79 44	224·2	1·36	2	7·5 7·8	·340	W.B.
Σ 1658 ...	12 30	82 0	356·5	2·60	1	8·0 9·8	·345	W.B.
Σ 1661 ...	12 30	78 3	238·3	2·50	2	8·5 8·5	·340	W.B.
Σ 1663 ...	12 32	68 15	106·0	0·46	1	7·8 8·7	·315	L.
			102·0	0·63	3	...	·323	W.B.
Σ 1670 (γ Virginis)	12 36	90 54	149·1	5·78	2	3·0 3·0	·453	B.

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Star's Name.	R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h m	° ′	°	″					
Σ 1687 (35 Comæ Ber.)	12 48	68 13	82·3	0·99	2	5·0	7·8	·375	L.
OΣ 256 ...	12 51	90 25	77·4	0·57	1	7·2	7·6	·460	B.
β 112 ...	12 57	71 5	294·0	2·03	1	6·5	8·5	·435	L.
Σ 1711 ...	12 58	75 59	342·6	0·87	1	8·5	9·0	·345	W.B.
			347·1	0·95	1	...		·435	L.
*	13 2	62 31	198·9	0·48	1	9·0	9·5	·345	W.B.
OΣ 260 ...	13 3	62 31	114·7	0·55	1	7·9	8·3	·345	W.B.
			124·5	0·55	2	...		·359	L.
β 929 ...	12 59	93 7	223·6	0·54	2	6·2	6·2	·444	B.
Σ 1728 (42 Comæ Ber.)	13 5	71 57	208·8	0·19	1	6·0	6·0	·345	W.B.
			196·4	0·24	2	...		·419	L.
			205·0	0·33	2	...		·444	B.
OΣ 261 ...	13 7	57 22	344·9	1·51	1	7·0	7·5	·435	L.
			345·8	1·54	1	...		·528	B.
Σ 1734 ...	13 15	86 30	195·0	1·04	1	7·2	7·9	·460	B.
Ho. 260 ...	13 19	60 15	323·2	0·52	1	8·3	8·5	·334	W.B.
			318·6	0·77	2	...		·419	L.
OΣ 266 ...	13 23	73 41	334·1	1·48	1	7·3	7·8	·334	W.B.
OΣ 269 ...	13 28	54 34	218·5	0·30	1	6·5	7·0	·435	L.
			204·2	0·34	2	...		·478	B.
Σ 1768 (25 Canum Ven.)	13 23	53 10	134·2	0·94	1	5·7	7·6	·435	L.
			129·7	0·88	2	...		·646	B.
β 612 ...	13 34	78 45	227·3	0·31	1	6·3	6·5	·427	B.
Σ 1785 ...	13 45	62 30	276·0	1·38	2	7·2	7·5	·438	W.B.
Σ 1808 ...	14 5	62 54	74·5	2·90	2	8·0	9·0	·382	W.B.
OΣ 278 ...	14 8	45 21	80·3	0·29	2	7·5	7·5	·494	B.
			93·8	0·32	2	...		·537	W.B.
β 1272 ...	14 14	40 47	135·2	1·62	1	8·4	9·5	·621	L.
β 1273 ...	14 15	41 35	191·8	...	1	8·6	10·8	·542	W.B.
			187·6	1·07	1	...		·621	L.
Σ 1863 ...	14 34	...	88·3	0·65	3	7·1	7·4	·548	B.
Σ 1865 ... (ζ Boötis)	14 36	75 49	148·6	0·21	3	3·5	3·9	·426	L.
			143·4	0·31	5	...		·482	B.
Σ 1867 ...	14 36	58 15	17·7	1·06	1	7·7	8·2	·460	B.
			12·4	1·09	2	...		·487	W.B.
Σ 1871 ...	14 38	38 11	293·2	1·92	3	7·0	7·0	·548	B.
Σ 1877 ... (ε Boötis)	14 38	62 29	326·6	2·81	1	3·0	6·3	·465	W.B.

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Star's Name.	R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h m	° ′	°	″					
OΣ 285 ...	14 42	47 11	124·5	0·26	2	7·1	7·6	·453	B.
			130·3	0·34	...	...		·520	W.B.
Σ 1883 ...	14 44	83 38	242·2	0·57	1	7·0	7·0	·460	B.
Σ 1888 ... (ξ Boötis)	14 47	70 27	198·2	2·98	1	5·1	7·4	·441	L.
OΣ 287 ...	14 47	44 38	318·6	0·77	2	7·5	7·6	·453	B.
			302·8	0·63	2	...		·520	W.B.
β 31 ...	14 48	70 50	189·9	1·44	1	8·4	9·7	·441	L.
OΣ 288 ...	14 49	73 53	189·2	1·70	2	6·5	7·0	·422	L.
			194·2	1·67	1	...		·465	W.B.
Σ 1908 ...	15 1	55 7	145·2	1·30	1	8·2	9·2	·435	L.
			143·4	1·54	2	...		·562	W.B.
Hough 60 ...	15 10	54 44	32·7	0·43	1	8	8	·435	L.
			37·2	0·23	1	...		·446	B.
			46·5	0·24	3	...		·538	W.B.
Σ 1932 ...	15 14	62 48	328·2	0·71	1	5·5	6·0	·430	W.B.
			329·2	0·80	2	...		·437	B.
			332·3	0·66	2	...		·471	L.
Hough 62 ...	15 17	54 40	107·4	1·09	1	8·2	8·3	·435	L.
			292·3	1·20	2	...		·520	W.B.
Σ 1937 ... (η Cor. Bor.)	15 19	59 21	6·0	0·68	2	5·0	5·7	·419	L.
			1·3	0·63	3	...		·426	B.
Σ 1938 ...	15 20	52 16	71·6	0·94	1	4·0	6·7	·575	W.B.
			69·3	0·86	2	...		·589	B.
OΣ 296 ...	15 22	45 38	305·1	1·50	2	7·0	8·6	·676	L.
*	15 25	43 27	340·4	2·88	1	7·5	9·0	·715	L.
Σ 1957 ...	15 31	76 42	153·1	1·07	1	8·0	9·5	·430	W.B.
OΣ 298 ...	15 32	49 50	180·6	1·03	3	7·0	7·3	·658	L.
			179·4	0·94	2	...		·689	B.
Σ 1967 ... (γ Cor. Bor.)	15 39	63 23	116·1	0·48	3	4·0	7·0	·426	B.
			117·1	0·44	1	...		·501	L.
β 619 ...	15 39	76 1	7·9	0·48	3	6·5	7·0	·393	B.
β 621 ...	15 41	44 58	55·5	0·63	1	7·5	8·0	·629	L.
			64·4	0·42	1	...		·657	B.
β 810 ...	15 48	47 14	89·0	1·08	1	8·6	11·2	·637	L.
OΣ 303 ...	15 56	76 27	148·8	0·83	2	7·4	7·9	·427	B.
			142·4	0·65	1	...		·430	W.B.
β 355 ...	16 5	44 21	280·7	0·41	2	7·9	9·2	·668	B.

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Star's Name.	R.A. 1900.		N.P.D. 1900.		Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h	m	°	′	°	″					
Σ 2032	16	2	55	54	210·3	4·36	1	5·0	6·1	·715	L.
β 951	16	20	56	23	51·9	0·85	2	8·2	8·7	·668	B.
Σ 2054	16	23	28	4	355·3	1·07	2	5·7	6·9	·668	B.
Σ 2052	16	25	71	28	91·9	1·93	1	7·5	7·5	·430	W.B.
					93·3	1·86	1	...		·446	B.
					93·2	1·86	1	...		·501	L.
β 813	16	24	63	15	168·7	1·04	2	8·5	8·5	·367	B.
					167·6	0·98	1	...		·430	W.B.
β 814	16	24	49	53	316·5	0·32	2	8·4	8·7	·668	B.
β 817	16	28	66	33	149·7	0·96	2	8·2	8·2	·367	B.
					145·9	1·09	1	...		·501	L.
β 818	16	30	59	17	34·7	3·87	1	6·3	13·5	·643	L.
Σ 2084 (ζ Herculis)	16	38	58	13	239·5	0·80	6	3·0	6·5	·603	L.
					232·1	0·63	2	...		·685	B.
					224·1	0·95	1	...		·993	L.
* ...	16	38	45	20	121·6	5·68	1	9	11	·640	L.
Σ 2091	16	39	48	37	305·7	1·07	3	7·5	8·0	·580	B.
De. 15	16	40	46	20	315·2	0·51	3	8·0	8·5	·580	B.
Σ 2106	16	46	80	25	310·0	0·27	1	6·7	8·4	·548	W.B.
Σ 2107	16	48	61	10	312·4	0·35	1	6·5	8·0	·543	W.B.
					324·3	0·20	2	...		·630	L.
					319·7	0·31	2	...		·668	B.
β 821	16	48	57	59	318·2	1·15	1	8·4	8·9	·405	B.
					311·4	1·29	2	...		·492	L.
Σ 2118	16	57	24	50	93·2	0·16	1	6·4	6·9	·731	B.
Σ 3127	17	11	65	3	192·6	14·63	1	3·0	8·1	·660	L.
OΣ 327	17	12	33	45	313·0	0·17	1	7·6	8·0	·731	B.
β 629	17	15	57	50	344·0	0·99	2	8·4	8·8	·572	L.
β 45	17	15	57	26	290·4	4·97	2	8·6	8·8	·512	L.
β 628	17	16	57	14	355·8	0·50	3	8·8	9·4	·596	L.
* ...	17	16	57	27	28·3	5·55	1	9·5	10·0	·523	L.
* ...	17	16	57	25	302·1	3·23	2	9·0	9·5	·512	L.
β 630	17	17	57	36	224·1	1·39	2	8·6	10·2	·572	L.
β 1250	17	21	59	9	66·2	2·27	1	9·4	9·5	·523	L.
Σ 2173	17	25	90	56	329·5	1·01	3	5·8	6·3	·653	B.
β 1121	17	33	77	24	239·0	0·66	1	8·5	9·0	·523	L.
β 631	17	35	90	36	67·1	0·36	2	7·5	7·6	·641	B.
Σ 2199	17	37	34	12	88·8	1·71	1	7·2	7·8	·630	L.

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Star's Name.	R.A. 1900.		N.P.D. 1900.		Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h	m	°	′	°	″					
β 1251 ...	17	37	74	0	76·7	1·13	2	6·0	11·5	·570	L.
Σ 2203 ...	17	38	48	18	324·0	0·65	1	7·5	7·8	·630	L.
					317·4	0·68	2	...		·798	B.
Σ 2205 ...	17	41	72	15	305·7	1·97	3	8·3	8·6	·600	L.
Σ 2215 ...	17	42	72	16	297·2	0·63	2	5·9	7·9	·581	L.
					295·2	0·67	1	...		·731	B.
Hough 70 ...	17	42	59	25	108·4	0·30	2	8	8	·798	B.
OΣ 337 ...	17	46	82	44	270·3	0·39	3	7·5	8·0	·653	B.
OΣ 338 ...	17	47	74	39	18·6	0·69	3	6·5	7·0	·652	B.
					15·5	0·75	1	...		·698	L.
*	17	47	74	39	354·5	1·26	1	10·0	10·5	·698	L.
A.C. 8 ...	17	19	60	18	58·4	0·32	1	8·0	9·8	·865	B.
A.C. 9 ...	17	50	60	10	55·4	0·95	1	8·4	8·7	·865	B.
β 1125 ...	17	57	88	40	19·0	1·00	1	5·1	9·1	·671	L.
Σ 2262 ... (τ Ophiuchi)	17	58	98	11	257·7	1·29	1	5·0	5·7	·671	L.
Σ 2272 (70 Ophiuchi)	18	0	87	28	246·9	1·61	9	4·1	6·1	·566	W.B.
OΣ 341 ...	18	1	68	34	77·0	0·26	2	6·4	7·7	·681	B.
OΣ 343 ...	18	2	41	52	87·5	2·61	1	7·2	10·2	·638	L.
Σ 2281 ...	18	4	86	2	224·8	0·31	3	5·7	7·2	·572	W.B.
Σ 2283 ...	18	4	83	52	80·3	1·11	2	7·2	7·7	·537	W.B.
Σ 2289 ...	18	5	73	32	233·6	1·20	3	6·5	7·0	·548	W.B.
Σ 2294 ...	18	9	89	51	100·3	0·19	1	7·4	7·7	·624	B.
β 1091 ...	18	9	51	26	35·3	0·29	2	8·6	8·6	·798	B.
β 641 ...	18	17	68	33	344·1	0·96	2	7·3	9·0	·584	W.B.
					347·0	0·95	2	...		·687	L.
*	18	18	69	26	110·8	6·51	1	10	11	·698	L.
Σ 2315 ...	18	21	62	39	203·9	0·26	2	7·0	8·0	·589	L.
					212·9	0·17	1	...		·543	W.B.
Σ 2318 ...	18	21	64	4	252·8	21·12	1	7·9	10·0	·465	W.B.
β 1203 ...	18	21	89	15	68·0	0·22	1	7·5	7·7	·624	B.
					90·2	0·20	1	...		·676	L.
OΣ 543 ...	18	22	43	11	132·9	1·01	2	8·0	10·0	·688	L.
					128·6	1·11	2	...		·798	B.
OΣ 351 ...	18	23	41	19	18·0	0·52	2	7·0	7·0	·688	L.
					20·8	0·56	2	...		·798	B.
OΣ 354 ...	18	27	83	18	165·2	0·70	2	7	8	·574	W.B.
Hough 86 ...	18	30	54	54	181·7	0·29	1	8	9	·660	L.

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Star's Name.	R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.	Epoch 1900.	Obs.
	h m	° ′	°	″				
OΣ 357 ...	18 31	78 24	242·4	0·33	2	8·2 8·2	·574	W.B.
			234·8	0·47	1	...	·676	L.
OΣ 358 ...	18 31	73 12	192·4	1·95	3	6·8 7·2	·513	W.B.
			190·2	1·77	...	...	·676	L.
Hough 87...	18 34	73 34	103·1	0·38	2	7·8 8·1	·574	W.B.
			102·1	0·39	1	...	·676	L.
*	18 34	61 18	257·7	1·11	2	9·5 10·0	·597	W.B.
			262·0	0·92	1	...	·698	L.
*	18 22	63 57	309·6	5·56	1	10 10	·698	L.
Σ 2356 ...	18 34	61 23	60·4	0·90	3	8·2 8·6	·586	W.B.
			60·8	0·98	1	...	·698	L.
*	18 35	61 22	30·1	6·27	1	9 9	·698	L.
Σ 2362 ...	18 35	54 2	2·6	4·08	1	7·1 8·4	·660	L.
Hough 437 A.D.	18 37	58 27	301·4	0·32	1	8 8	·643	L.
C.D.	...	...	339·0	4·14	1	...	·643	L.
Σ 2367 ...	18 37	59 48	85·7	0·18	2	7·2 7·6	·672	L.
			83·5	0·17	3	...	·740	B.
Σ 2369 ...	18 39	87 30	92·5	0·95	1	8 8	·624	B.
Σ 2400 A.B.	18 44	73 51	188·3	1·88	1	8·0 11·1	·709	L.
A.C.	...	...	178·3	2·92	1	8·0 11·0	·619	W.B.
	...	...	188·6	2·79	1	...	·709	L.
B.C.	...	...	188·2	0·92	1	11·1 11·0	·709	L.
A.D.	...	...	157·1	0·39	1	8·0 9·5	·709	L.
Σ 2402 ...	18 45	79 25	205·8	0·82	3	8·0 8·4	·626	W.B.
β 971 ...	18 45	40 41	8·3	0·27	1	6·5 8·5	·731	B.
β 1255 ...	18 52	41 15	89·7	1·43	1	5·8 12·5	·638	L.
β 648 ...	18 53	57 16	224·2	1·17	2	6·0 9·2	·622	L.
			228·9	1·10	1	...	·731	B.
Σ 2422 ...	18 53	63 54	91·2	0·91	3	7·9 8·2	·587	W.B.
β 649 ...	18 55	57 40	12·2	1·43	1	8·2 10·6	·731	B.
Σ 2437 ...	18 57	70 59	62·7	0·71	3	7·8 8·2	·640	W.B.
Σ 2454 ...	19 2	59 43	252·4	0·96	2	8 9	·674	W.B.
			254·2	0·80	1	...	·731	B.
*	19 2	60 5	190·1	1·03	1	9 10	·501	L.
Σ 2455 ...	19 3	67 59	80·2	3·39	4	7 8	·635	W.B.
Σ 2488 ...	19 11	70 9	326·2	1·58	1	8·5 9·7	·772	W.B.
OΣ 368 ...	19 11	74 1	217·2	0·74	3	8 9	·644	W.B.
			213·8	0·95	1	...	·671	L.

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Star's Name.	R.A. 1900.		N.P.D. 1900.		Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h	m	°	′	°	″					
OΣ 371 ...	19	12	62	42	153·0	0·88	3	7	7	·644	W.B.
β 1256 ...	19	14	83	51	36·5	0·63	1	8·3	8·3	·624	B.
					34·0	0·63	1	...		·671	L.
H.A.H. 95...	19	15	87	14	160·4	0·40	1	6·0	6·5	·624	B.
					149·8	0·28	1	...		·671	L.
β 141 ...	19	18	67	42	77·0	0·72	1	7·5	8·5	·676	B.
β 1129 ...	19	19	37	50	329·1	0·28	1	6·3	6·3	·865	B.
Σ 2525 ...	19	22	62	52	321·7	0·47	2	8·0	8·0	·619	B.
OΣ 375 ...	19	30	72	7	150·4	0·57	2	8·0	9·0	·619	B.
					149·0	0·28	1	...		·772	W.B.
Σ 2544 ...	19	32	81	56	202·9	1·00	1	7·8	9·5	·671	L.
Σ 2556 ...	19	35	68	0	145·7	0·45	2	7·3	7·8	·619	B.
β 1132 ...	19	39	63	18	211·3	0·53	1	8·3	8·7	·624	B.
*	19	40	63	6	349·4	0·33	1	...		·624	B.
β 658 ...	19	40	62	9	297·6	0·50	2	6·7	9·7	·619	B.
Σ 2579 ... (δ Cygni)	19	42	45	7	300·4	1·44	2	3·0	7·9	·619	B.
A.G.C. 11 ...	19	44	71	7	162·9	0·20	2	4·5	6·0	·619	B.
OΣ 387 ...	19	45	54	58	334·1	0·57	1	7·2	8·2	·778	B.
Hough 580	19	48	67	48	271·7	0·78	2	8·0	8·1	·696	B.
					279·7	0·54	1	...		·772	W.B.
Σ 2600 ...	19	51	67	46	58·3	3·20	2	8·3	9·7	·710	W.B.
					54·8	3·06	1	...		·756	B.
β 425 A.B.	19	53	69	59	238·6	1·43	1	8·4	8·5	·756	B.
					242·6	1·41	1	...		·772	W.B.
A.C.					41·8	20·22	1		11·9	·772	W.B.
A.C. 16 ...	19	54	63	2	56·1	0·44	2	7	9	·696	B.
					56·6	0·37	1	...		·660	L.
					54·0	0·49	1	...		·772	W.B.
Σ 2607 A.C.	19	55	48	0	291·8	3·24	1	7·2	9·2	·778	B.
OΣ 392 A.B.					300·7	0·28	1	7·2	9·0	·778	B.
OΣ 395 ...	19	58	65	21	275·8	0·66	1	5·8	6·2	·709	L.
					103·8	0·55	2	...		·739	B.
*	19	59	65	22	20·1	0·45	1	8	9	·709	L.
Σ 2624 A.B.	19	0	54	16	173·6	1·56	1	7·2	7·8	·719	W.B.
β 57 ...	20	1	74	47	119·7	2·38	1	6·7	11·3	·671	L.
Hough 128	20	20	47	20	26·0	1·02	1	6·3	10·9	·660	L.
*	20	20	47	11	176·0	1·55	1	8	9	·660	L.

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Star's Name.	R.A. 1900.		N.P.D. 1900.		Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h	m	°	′	°	″					
Σ 2695 ...	20	28	64	39	80·6	1·04	3	6·2	8·0	·630	W.B.
β 670 ...	20	28	76	24	45·1	0·39	1	8·5	8·9	·671	L.
*	20	28	76	24	143·0	0·31	1	9·0	9·5	·671	L.
β 151 (β Delphini)	20	33	75	45	9·0	0·64	1	4·5	6·0	·613	B.
					9·8	0·63	1	...		·671	L.
Hough 152...	21	8	62	7	329·6	0·53	1	8·5	9·5	·616	L.
					319·5	0·52	3	...		·819	W.B.
OΣ 535 ...	21	10	80	27	206·0	0·33	1	4·1	4·1	·613	B.
Σ 2799 ...	21	24	79	21	295·3	1·41	3	6·6	6·6	·612	W.B.
Σ 2804 ...	21	28	69	44	332·1	3·11	3	7·3	8·0	·612	W.B.
β 1212 ...	21	34	90	33	261·8	0·51	1	6·5	6·9	·613	B.
Hough 165...	21	38	71	29	76·5	0·35	2	8·0	8·2	·794	W.B.
Σ 2822 ...	21	39	61	43	126·6	2·66	1	4·0	5·0	·019	L.
					123·4	2·59	3	...		·790	W.B.
Hough 166...	21	40	62	38	86·9	0·24	1	7·5	7·5	·613	B.
					92·4	0·29	2	...		·655	L.
					93·2	0·31	1	...		·739	W.B.
Σ 2824 (κ Pegasi A.C.)	21	40	64	49	295·7	12·77	1	3·9	10·8	·537	W.B.
β 989 (κ Pegasi A.B.)	21	40	64	49	259·2	0·14	5	3·9	5·0	·555	L.
					251·2	0·14	4	...		·689	W.B.
					253·3	0·16	1	...		·613	B.
*	21	41	64	55	295·3	4·36	1	9·5	10·0	·694	L.
Hough 171...	21	48	62	41	170·6	0·68	1	8	8	·613	B.
					169·4	0·76	2	...		·655	L.
					159·7	0·81	1	...		·904	W.B.
β 75 ...	21	50	79	35	43·3	0·95	1	8·1	8·3	·756	B.
					46·7	0·89	1	...		·816	W.B.
Σ 2849 ...	21	53	76	19	266·8	1·43	1	8·2	10·7	·694	L.
					265·6	1·53	2	...		·767	W.B.
Hough 179	22	8	60	26	257·3	0·57	2	8·0	8·5	·655	L.
					259·4	0·52	1	...		·756	B.
					260·1	0·41	1	...		·958	W.B.
Σ 2881 ...	22	10	60	57	93·8	1·47	1	7·7	8·2	·616	L.
					98·5	1·33	3	...		·714	W.B.
Hough 180	22	12	46	38	221·2	0·55	1	7·0	7·5	·931	B.
β 1216 ...	22	15	61	0	318·1	0·53	1	8·4	8·7	·694	L.
					310·0	0·49	1	...		·756	B.
					315·4	0·68	2	...		·944	W.B.

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Star's Name.	R.A. 1900.	N.P.D. 1900.	Position Angle.	Distance.	No. of Meas.	Mags.		Epoch 1900.	Obs.
	h m	° ′	°	″					
Σ 2900 ...	22 19	69 40	176·6	1·54	1	6·0	9·2	·717	W.B.
β 1218 ...	22 23	60 50	52·5	1·42	2	8·6	8·8	·811	W.B.
			53·6	1·45	1	...		·756	B.
Hough 296	22 36	75 59	57·3	0·32	2	5·5	5·5	·898	B.
Σ 2934 ...	22 37	69 6	143·8	0·83	1	8·2	9·2	·694	L.
			138·3	0·85	3	...		·838	W.B.
β 1144 ...	22 38	60 18	83·5	0·28	1	9·5	9·5	·790	L.
β 710 ...	22 38	60 50	235·5	0·36	1	8·0	8·5	·790	L.
β 711 ...	22 40	79 20	47·9	1·07	1	9·0	10·2	·790	L.
OΣ 483 ...	22 54	78 48	221·9	0·81	2	6·0	7·5	·743	W.B.
			228·6	0·94	1	...		·756	B.
β 1025 ...	23 9	77 53	277·2	0·58	1	8·0	10·8	·739	W.B.
β 79 ...	23 12	92 5	85·4	0·70	1	8·0	8·5	·931	B.
β 80 ...	23 14	85 10	10·7	0·27	1	8·0	8·5	·931	B.
β 720 ...	23 29	59 14	168·7	0·39	1	5·5	5·5	·790	L.
			159·3	0·31	1	...		·964	B.
			168·3	0·34	1	...		·983	W.B.
β 858 ...	23 36	58 0	266·0	0·56	2	8·0	8·2	·948	B.
			266·4	0·58	1	...		·983	W.B.
Σ 3050 ...	23 54	56 51	213·8	2·40	1	6·0	6·0	·816	W.B.
Σ 3056 ...	23 59	56 20	147·8	0·52	2	7·4	7·4	·477	B.
			143·0	0·52	1	...		·958	W.B.

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Results of Double-star Measures with the 8-inch Equatorial at Windsor, New South Wales, in the Years 1899 and 1900. By John Tebbutt.

Ref. No.	Star.	Observed Mags.	Approx. Place of Star at Beginning of Year. R.A.	Dec. S.	Time of Obs.	Position Angle.	Distance.	No. of Obs.	Mag. power.	Eyes.	Hour-angles		Weight 1 to 5.
			h m	° ′	1899+	°	″				h m	h m	
1	λ Toucani	7, 8	0 48·6	70 3	1·071	81·1	21·00	10–6	138	R	4 45 W	5 13 W	3
2	ζ Phœnicis	4½, 8	1 4·2	55 47	1·156	243·5	6·72	10–6	138	R	4 23 W	4 46 W	3
3	P.I. 127	6, 8	1 31·5	30 25	1·060	94·4	2·02	10–7	230	R	2 43 W	3 11 W	3
4	,,	6, 8	,,	,,	1·068	92·4	2·22	10–7	230	R	3 2 W	3 31 W	4
5	,,	...	,,	,,	1·071	93·6	2·09	10–6	230	R	3 18 W	3 42 W	3
6	*p* Eridani	...	1 36·0	56 42	1·047	223·0	8·33	10–8	230	R	2 18 W	2 58 W	3
7	,,	...	,,	,,	1·049	222·3	7·81	10 6	230	R	1 41 W	2 22 W	3
8	,,	...	,,	,,	1·060	223·7	8·22	10–7	230	R	1 40 W	2 20 W	2
9	θ Eridani	5, 6	2 54·5	40 42	1·140	87·3	8·09	6–5	230	R	3 39 W	4 2 W	2
10	,,	4½, 5½	,,	,,	1·145	87·7	8·47	10–6	230	R	...	2 55 W	3
11	*h* 3556	7, 9	3 8·9	44 48	1·077	219·7	2·52	10–5	138	P	2 37 W	3 21 W	3
12	,,	...	,,	,,	1·085	215·5	1·89	10–3	230	R	2 53 W	3 34 W	3
13	,,	6½, 9	,,	,,	1·085	219·1	2·63	10–3	138	P	2 53 W	3 34 W	4
14	*h* 3586$_3$	6½, 7	3 36·1	60 6	1·156	270·8	57·43	10–4	138	R	2 39 W	3 7 W	3
15	*h* 3586$_2$	7½, 8	3 36·2	40 41	1·145	326·9	7·75	10–6	230	P	3 13 W	...	4